Рахункова Книжка.

ПЕРША ЧАСТЬ.

ЦІНА 15 ЦЕНТІВ.

ВІННІПЕҐ, МАН.

1919.

ЗБІРКА
ІВАНА ЛУЧКОВА

Рахункова Книжка.

ПЕРША ЧАСТЬ.

Для ужитку шкільної молодіжи.

НАКЛАДОМ РУСЬКОЇ КНИГАРНІ

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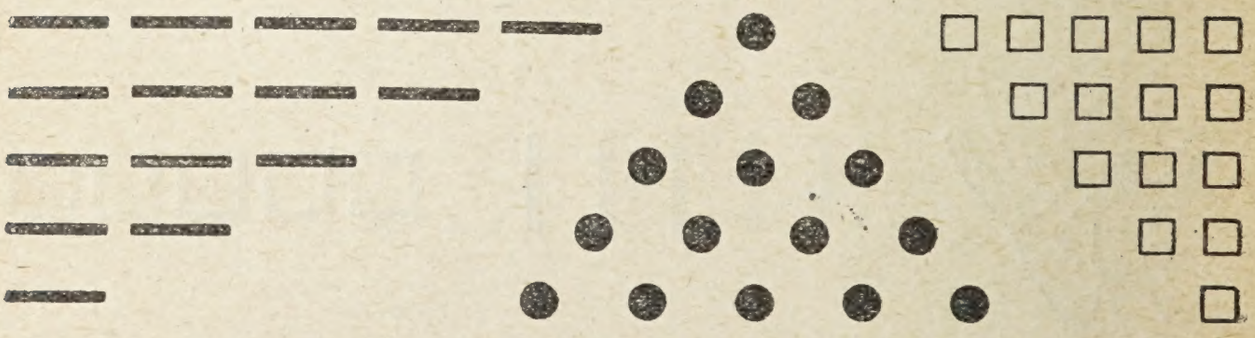
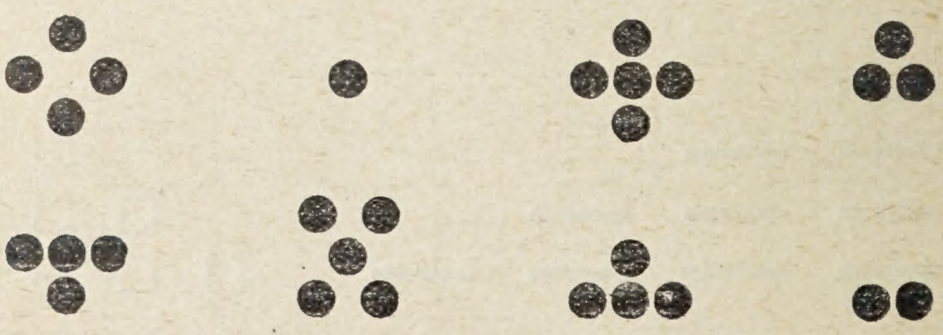
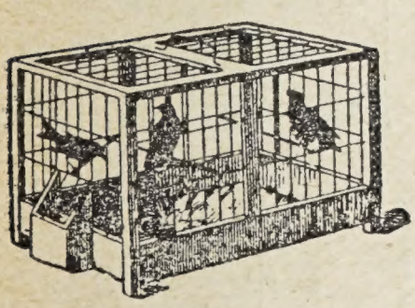
РАХУНКИ

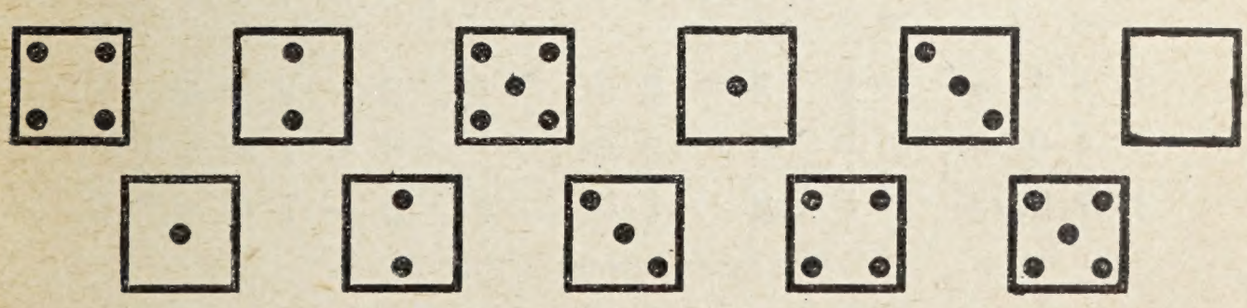
I.

Численє від 1—5.









II.

Додаванє і відниманє в обсягу від 1—5.

● | 1

●● || 2

● + ●	1 + 1 = 2	2 − 1 = 1
	1 − 1 = 0	2 − 2 = 0

1 + 1 =	2 − 2 =	1 + ? = 2
1 − 1 =	2 − 1 =	2 − ? = 1

●●● ||| 3

● + ● + ●	1 + 1 + 1 = 3	3 − 1 = 2
●● + ●	2 + 1 = 3	3 − 2 = 1
● + ●●	1 + 2 = 3	3 − 3 = 0

1 + 2 =	2 + 1 =	1 + ? = 3
2 + 1 =	1 + 2 =	1 + ? = 2
1 + 1 =	1 + 1 + 1 =	2 + ? = 3

3 − 1 =	3 − 3 =	3 − ? = 2
3 − 2 =	3 − 2 =	3 − ? = 1
3 − 3 =	3 − 1 =	2 − ? = 1

IIII 4

● + ● + ● + ● 1 + 1 + 1 + 1 = 4 | 4 − 1 = 3
● ● ● + ● 3 + 1 = 4 | 4 − 2 = 2
● + ● ● ● 1 + 3 = 4 | 4 − 3 = 1
● ● + ● ● 2 + 2 = 4 | 4 − 4 = 0

1)	2)	3)	4)
1 + 1 =	1 + ? = 2	4 − 1 =	2 − 2 =
2 + 1 =	1 + ? = 3	4 − 2 =	3 − 2 =
3 + 1 =	1 + ? = 4	4 − 3 =	4 − 2 =
1 + 3 =	3 + ? = 4	4 − 4 =	4 − ? = 1
1 + 2 =	2 + ? = 4	2 − 1 =	4 − ? = 2
1 + 1 =	1 + ? = 4	3 − 1 =	4 − ? = 3

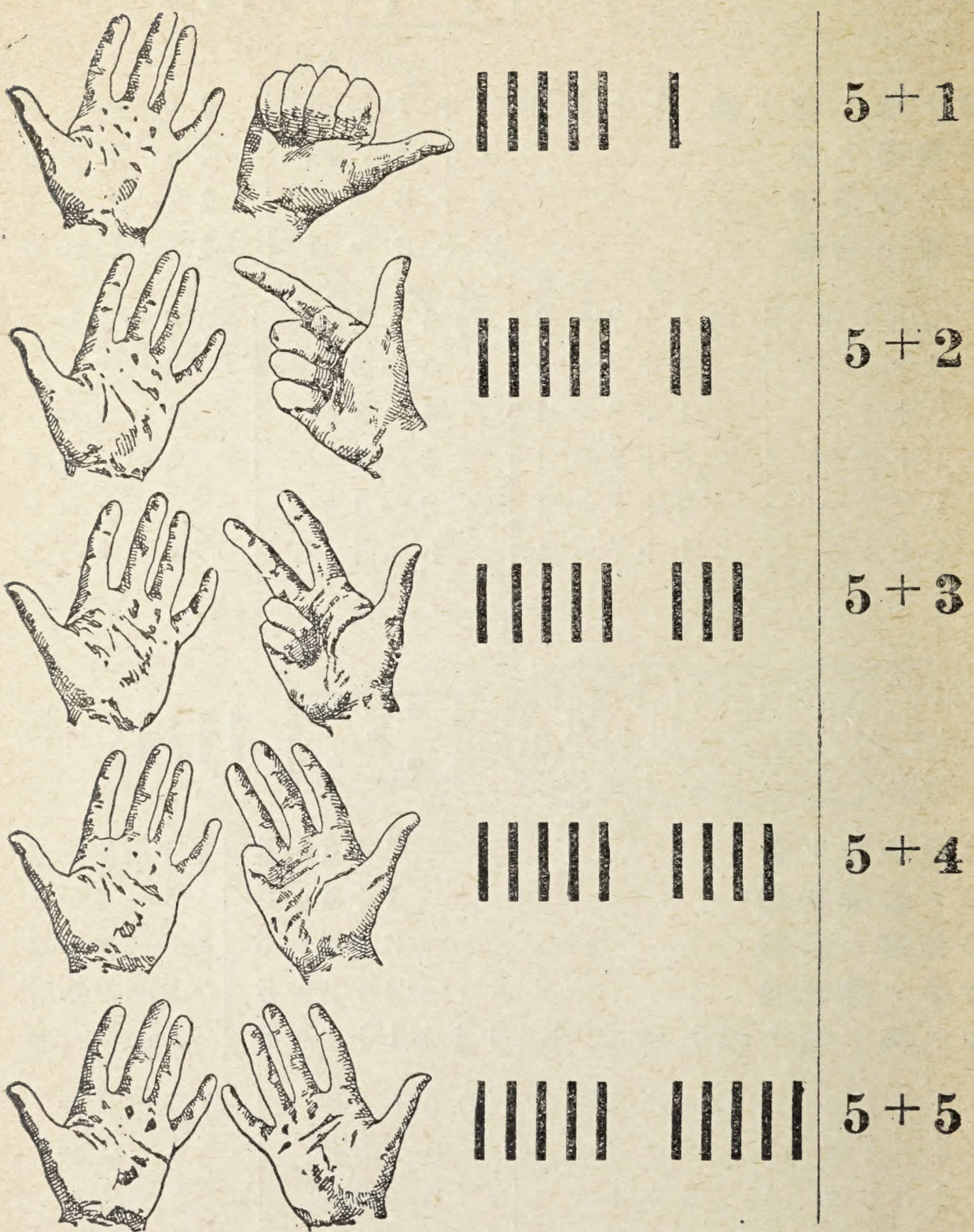
IIIII 5

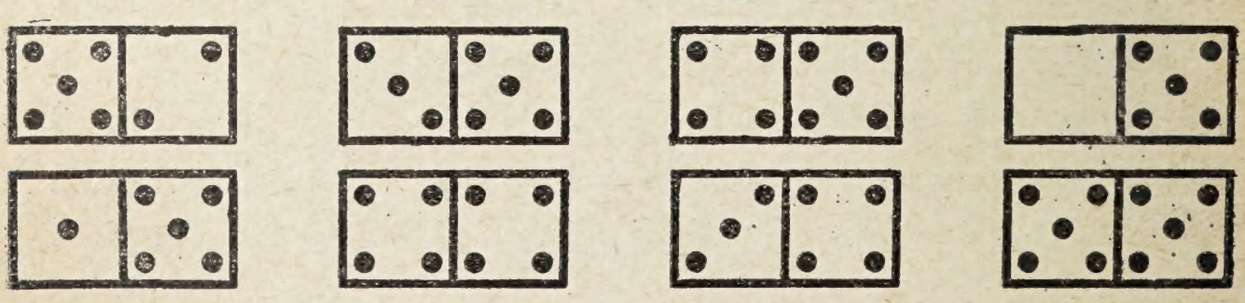
●●●● + ● 4 + 1 = 5 | 5 − 1 = 4
● + ●●●● 1 + 4 = 5 | 5 − 4 = 1
●●● + ●● 3 + 2 = 5 | 5 − 2 = 3
●● + ●●● 2 + 3 = 5 | 5 − 3 = 2
● + ● + ● + ● + ● 1 + 1 + 1 + 1 + 1 = 5 | 5 − 5 = 0

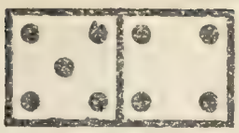
1)	2)	3)	4)
1 + 1 =	1 + 3 =	5 − 1 =	5 − 2 =
2 + 1 =	2 + 3 =	5 − 2 =	4 − 1 =
3 + 1 =	4 + 1 =	5 − 3 =	5 − 4 =
4 + 1 =	2 + ? = 5	5 − 4 =	5 − ? = 1
1 + 2 =	4 + ? = 5	4 − 1 =	5 − ? = 2
2 + 2 =	1 + ? = 5	4 − 3 =	5 − ? = 3
3 + 2 =	3 + ? = 5	4 − 2 =	5 − ? = 4

III.

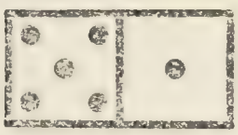
Численє в обсягу від 1—10.



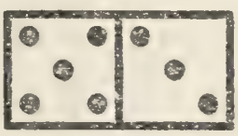




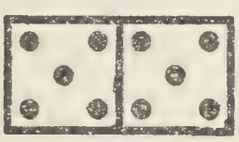
5 + 4



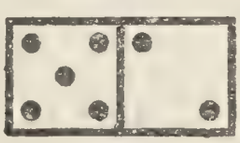
5 + 1



5 + 3



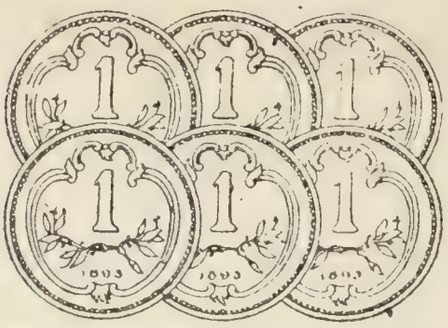
5 + 5



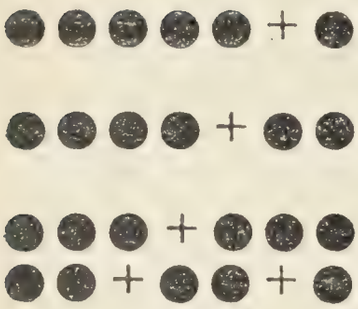
5 + 2

IV.

Додаванє і відниманє в обсягу від 1—10.

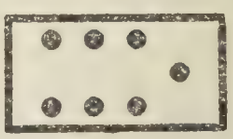


6



5 + 1 = 6	6 − 1 = 5
1 + 5 = 6	6 − 5 = 1
4 + 2 = 6	6 − 2 = 4
2 + 4 = 6	6 − 4 = 2
3 + 3 = 6	6 − 3 = 3
2 + 2 + 2 = 6	6 − 6 = 0

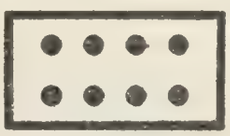
1) 5 + 1 =	2) 3 + 3 =	3) 6 − 1 =	4) 5 − 3 =
4 + 2 =	2 + 4 =	6 − 2 =	4 − 2 =
3 + 3 =	3 + 2 =	6 − 3 =	6 − 2 =
2 + 4 =	1 + 5 =	6 − 4 =	5 − 1 =
2 + 2 =	4 + ? = 6	6 − 5 =	6 − ? = 1
4 + 2 =	3 + ? = 6	5 − 2 =	6 − ? = 4
1 + 2 =	5 + ? = 6	6 − 6 =	6 − ? = 2
3 + 2 =	2 + ? = 6	4 − 3 =	6 − ? = 3



7

6 + 1 = 7	7 − 1 = 6
1 + 6 = 7	7 − 6 = 1
5 + 2 = 7	7 − 2 = 5
2 + 5 = 7	7 − 5 = 2
4 + 3 = 7	7 − 3 = 4
3 + 4 = 7	7 − 4 = 3
3 + 3 + 1 = 7	7 − 7 = 0

1)	2)	3)	4)
6 + 1 =	1 + 5 =	7 − 1 =	6 − 4 =
5 + 2 =	3 + 2 =	7 − 2 =	7 − ? = 1
4 + 3 =	4 + ? = 7	7 − 3 =	7 − ? = 3
3 + 4 =	1 + ? = 7	7 − 4 =	7 − ? = 5
2 + 5 =	5 + ? = 7	7 − 5 =	7 − ? = 2
1 + 6 =	2 + ? = 7	7 − 6 =	7 − ? = 6
3 + 3 =	6 + ? = 7	7 − 7 =	7 − ? = 4
2 + 4 =	3 + ? = 7	5 − 2 =	7 − ? = 7



8

●●●●●●●+●

●●●●●●+●●

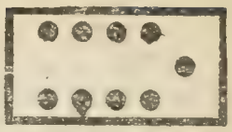
●●●●●+●●●

●●●●+●●●●

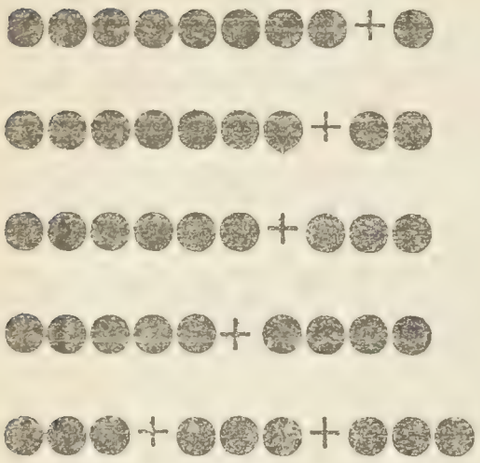
●●+●●+●●+●●

7 + 1 = 8	8 − 1 = 7
1 + 7 = 8	8 − 7 = 1
6 + 2 = 8	8 − 2 = 6
2 + 6 = 8	8 − 6 = 2
5 + 3 = 8	8 − 3 = 5
3 + 5 = 8	8 − 5 = 3
4 + 4 = 8	8 − 4 = 4
2 + 2 + 2 + 2 = 8	8 − 8 = 0

1)	2)	3)	4)
7 + 1 =	4 + 3 =	8 − 1 =	8 − 3 =
6 + 2 =	2 + 6 =	8 − 4 =	7 − 4 =
5 + 3 =	6 + 2 =	8 − 7 =	8 − 5 =
4 + 4 =	6 + 1 =	8 − 2 =	8 − 2 =
3 + 5 =	4 + 4 =	8 − 5 =	7 − 5 =
2 + 6 =	2 + ? = 8	8 − 3 =	8 − ? = 7
1 + 7 =	6 + ? = 8	8 − 6 =	8 − ? = 3
4 + 3 =	3 + ? = 8	8 − 8 =	8 − ? = 4
3 + 3 =	5 + ? = 8	7 − 3 =	8 − ? = 6
5 + 3 =	4 + ? = 8	7 − 5 =	8 − ? = 5
5 + 2 =	7 + ? = 8	6 − 5 =	8 − ? = 2
3 + 2 =	1 + ? = 8	7 − 2 =	8 − ? = 1

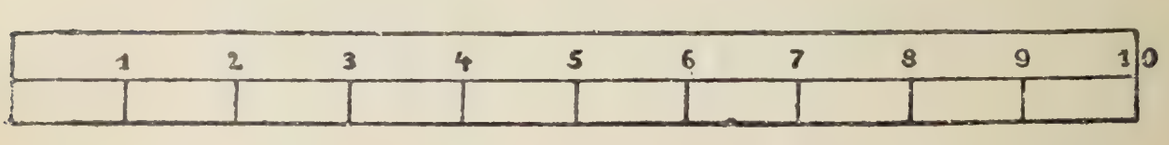


9



8 + 1 = 9	9 − 1 = 8
1 + 8 = 9	9 − 8 = 1
7 + 2 = 9	9 − 2 = 7
2 + 7 = 9	9 − 7 = 2
6 + 3 = 9	9 − 3 = 6
3 + 6 = 9	9 − 6 = 3
5 + 4 = 9	9 − 4 = 5
4 + 5 = 9	9 − 5 = 4
3 + 3 + 3 = 9	9 − 9 = 0

1)	2)	3)	4)
8 + 1 =	5 + 3 =	9 − 1 =	9 − 3 =
7 + 2 =	3 + 6 =	9 − 5 =	6 − 2 =
6 + 3 =	6 + 2 =	9 − 3 =	9 − 4 =
5 + 4 =	2 + 7 =	9 − 4 =	8 − 5 =
4 + 5 =	2 + 5 =	9 − 2 =	7 − 2 =
3 + 6 =	5 + 4 =	9 − 6 =	8 − 4 =
2 + 7 =	3 + ? = 9	9 − 8 =	9 − ? = 7
1 + 8 =	2 + ? = 9	9 − 7 =	9 − ? = 4
6 + 2 =	8 + ? = 9	8 − 6 =	9 − ? = 6
5 + 2 =	5 + ? = 9	7 − 4 =	9 − ? = 8
4 + 2 =	7 + ? = 9	8 − 5 =	9 − ? = 1
4 + 4 =	1 + ? = 9	6 − 3 =	9 − ? = 3
4 + 3 =	4 + ? = 9	7 − 3 =	9 − ? = 5
3 + 5 =	6 + ? = 9	9 − 9 =	9 − ? = 2



=

10

●●●●●●●●●+●

●●●●●●●●+●●

●●●●●●●+●●●

●●●●●●+●●●●

●●●●●+●●●●●

●●+●●+●●+●●+●●

9 + 1 = 10	10 − 1 = 9
1 + 9 = 10	10 − 9 = 1
8 + 2 = 10	10 − 2 = 8
2 + 8 = 10	10 − 8 = 2
7 + 3 = 10	10 − 3 = 7
3 + 7 = 10	10 − 7 = 3
6 + 4 = 10	10 − 4 = 6
4 + 6 = 10	10 − 6 = 4
5 + 5 = 10	10 − 5 = 5

2 + 2 + 2 + 2 + 2 = 10

1)	2)	3)	4)
9 + 1 =	1 + 8 =	3 + 5 =	10 = 3 + ?
8 + 2 =	7 + 2 =	2 + 8 =	10 = 7 + ?
7 + 3 =	4 + 5 =	3 + 7 =	10 = 1 + ?
6 + 4 =	4 + 6 =	8 + 1 =	10 = 8 + ?
5 + 5 =	6 + 3 =	2 + 7 =	10 = 5 + ?
4 + 6 =	7 + 3 =	5 + 2 =	10 = 9 + ?
3 + 7 =	3 + 6 =	5 + 4 =	10 = 2 + ?
2 + 8 =	5 + 5 =	8 + 2 =	10 = 6 + ?
1 + 9 =	9 + 1 =	6 + 4 =	10 = 4 + ?

1)	2)	3)	4)
10 − 1 =	8 − 3 =	10 − 7 =	2 = 10 − ?
10 − 2 =	10 − 4 =	7 − 3 =	6 = 10 − ?
10 − 3 =	10 − 8 =	6 − 2 =	4 = 10 − ?
10 − 4 =	7 − 2 =	10 − 5 =	7 = 10 − ?
10 − 5 =	9 − 5 =	9 − 2 =	1 = 10 − ?
10 − 6 =	10 − 9 =	10 − 2 =	5 = 10 − ?
10 − 7 =	8 − 5 =	8 − 2 =	8 = 10 − ?
10 − 8 =	9 − 3 =	9 − 6 =	3 = 10 − ?
10 − 9 =	10 − 1 =	10 − 3 =	9 = 10 − ?
10 − 10 =	10 − 6 =	5 − 3 =	0 = 10 − ?

Повторень в обсягу від 1—10.

1)	2)	3)	4)
1+2+2=	1+3−1=	5−3+4=	2+3+5=
2+2+3=	6−1−1=	7−6+3=	2+4+3=
3+3+3=	7−4−1=	2+2+3=	5+1−4=
2+2+6=	3+5−7=	1+5+2=	6+3−2=
2+3+4=	9−2−5=	9−4−2=	7+2+1=
1+3+1=	10−1−1=	1+1+8=	8−4−3=
3+1+5=	5−3−2=	3+1+6=	6−5+4=
1+5+2=	6−2−2=	6+2−3=	10−3−2=

---

5)	6)	7)
7 − 6 + 3 =	1+2+3+4=	2 + 2 + 2 =
4 − 1 + 3 =	4+4+1+1=	7 − 5 + 4 =
9 − 6 − 2 =	3+3+3+1=	4 + 5 − 6 =
2 + 3 + 2 =	7−3+6−9=	8 − 2 − 4 =
10 − 3 − 4 =	10−7+5−6=	1 + 3 + 4 =
6 − 3 + 7 =	5+5−4−3=	10 − 4 − 2 =
8 − 5 + 6 =	3+2+1+4=	9 − 7 + 3 =
7 + 2 + 1 =	10−9+7−3=	6 + 1 + 3 =
9 − 5 − 1 =	9−3+2−5=	4 + 4 − 1 =

---

8)	9)	10)
3 + 3 + 1 =	5 − 3 − 1 =	10−5+3=
8 − 2 − 2 =	7 − 5 + 6 =	8+2−6+3=
6 − 1 + 2 =	9 + 1 − 6 =	9−3−3−3=
4 + 4 + 2 =	10 − 8 + 3 =	4+3+2−5=
3 + 5 − 6 =	6 + 4 − 9 =	5+3+2−7=
6 + 4 − 7 =	3 + 3 + 3 =	10−3−?= 1
5 + 5 − 3 =	4 + 3 − 5 =	2+5+?=10
10 − 9 + 7 =	10 − 4 − 4 =	2+7−?= 8
6 + 3 + 1 =	8 − 6 + 7 =	3+3+?=10
10 − 4 − 6 =	3 + 7 − 5 =	10−3−?= 3

V.

Множенє, помір і подїл в обсягу 10.

1.

●	1×1= 1	1:1= 1	
●●	2×1= 2	2:1= 2	$\frac{2}{2}=1$
●●●	3×1= 3	3:1= 3	$\frac{3}{3}=1$
●●●●	4×1= 4	4:1= 4	$\frac{4}{4}=1$
●●●●●	5×1= 5	5:1= 5	$\frac{5}{5}=1$
●●●●●●	6×1= 6	6:1= 6	$\frac{6}{6}=1$
●●●●●●●	7×1= 7	7:1= 7	$\frac{7}{7}=1$
●●●●●●●●	8×1= 8	8:1= 8	$\frac{8}{8}=1$
●●●●●●●●●	9×1= 9	9:1= 9	$\frac{9}{9}=1$
●●●●●●●●●●	10×1=10	10:1=10	$\frac{10}{10}=1$

●	1 × 1 = 1	1 : 1 = 1
●●	1 × 2 = 2	2 : 2 = 1
●●●	1 × 3 = 3	3 : 3 = 1
●●●●	1 × 4 = 4	4 : 4 = 1
●●●●●	1 × 5 = 5	5 : 5 = 1
●●●●●●	1 × 6 = 6	6 : 6 = 1
●●●●●●●	1 × 7 = 7	7 : 7 = 1
●●●●●●●●	1 × 8 = 8	8 : 8 = 1
●●●●●●●●●	1 × 9 = 9	9 : 9 = 9
●●●●●●●●●●	1 × 10 = 10	10 : 10 = 1

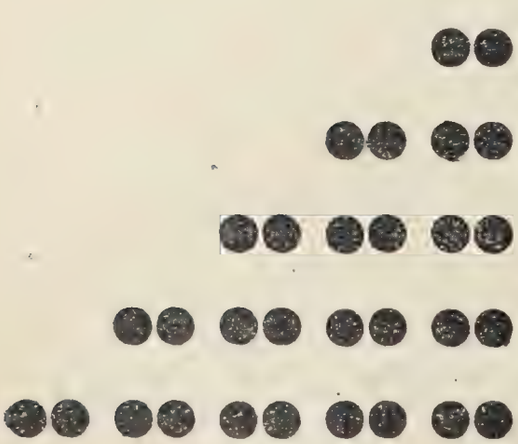
1)	2)	3)	4)	5)
1×1=	8×1=	1× 5=	1×6=	5=1×?
3×1=	5×1=	1× 8=	1×4=	5=5×?
7×1=	2×1=	1× 3=	1×7=	2=2×?
4×1=	6×1=	1×10=	1×2=	4=1×?
9×1=	10×1=	1× 1=	1×9=	3=3×?

1)	2)	3)	4)	5)
5:1=	7:1=	8: 1=	$\frac{3}{3}$=	$\frac{4}{4}$=
5:5=	7:7=	8: 8=	$\frac{5}{5}$=	$\frac{6}{6}$=
3:1=	4:1=	10: 1=	$\frac{2}{2}$=	$\frac{8}{8}$=
3:3=	4:4=	10:10=	$\frac{7}{7}$=	$\frac{9}{9}$=
2:1=	6:1=	9: 1=	$\frac{10}{10}$=	
2:2=	6:6=	9: 9=		

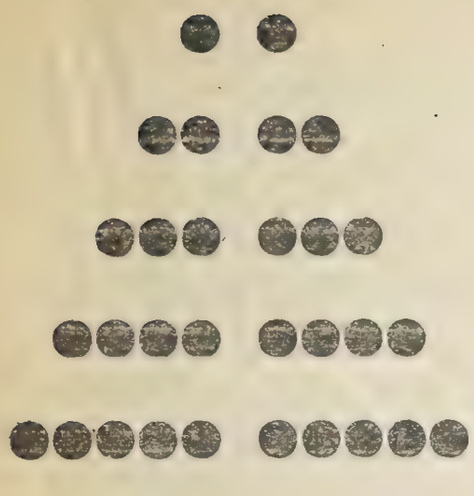
1)	2)	3)	4)	5)
1+1=	2+1=	3+1=	4+1=	5+1=
1×1=	1×2=	1×3=	1×4=	1×5=
1−1=	2−1=	3−1=	4−1=	5−1=
1 : 1=	2 : 1=	3 : 1=	4 : 1=	5 : 1=
	2 : 2=	3 : 3=	4 : 4=	5 : 5=

6)	7)	8)	9)	10)
6+1=	7+1=	8+1=	9+1=	10+ 1=
1×6=	1×7=	1×8=	1×9=	1×10=
6−1=	7−1=	8−1=	9−1=	10− 1=
6 : 1=	7 : 1=	8 : 1=	9 : 1=	10 : 1=
6 : 6=	7 : 7=	8 : 8=	9 : 9=	10 : 10=

2.



1×2= 2	2:2=1	$\frac{4}{2}$=2
2×2= 4	4:2=2	$\frac{6}{3}$=2
3×2= 6	6:2=3	$\frac{8}{4}$=2
4×2= 8	8:2=4	$\frac{10}{5}$=2
5×2=10	10:2=5	



$2\times1=2$	$2:1=2$	$\frac{2}{2}=1$
$2\times2=4$	$4:2=2$	$\frac{4}{2}=2$
$2\times3=6$	$6:3=2$	$\frac{6}{2}=3$
$2\times4=8$	$8:4=2$	$\frac{8}{2}=4$
$2\times5=10$	$10:5=2$	$\frac{10}{2}=5$

1)	2)	3)	4)
$2\times2=$	$2\times4=$	$2\times1=$	$2\times5=$
$5\times2=$	$2\times1=$	$1\times2=$	$5\times2=$
$3\times2=$	$2\times5=$	$2\times2=$	$2\times4=$
$1\times2=$	$2\times3=$	$2\times3=$	$4\times2=$
$4\times2=$	$2\times2=$	$3\times2=$	$1\times7=$

5)	6)	7)	8)
$2=2\times?$	$6=3\times?$	$1\times2+1=$	$2\times2-1=$
$8=2\times?$	$2=1\times?$	$4\times2+1=$	$5\times2-1=$
$6=2\times?$	$8=4\times?$	$3\times2+1=$	$4\times2-1=$
$10=2\times?$	$4=2\times?$	$2\times2+1=$	$3\times2-1=$
$4=2\times?$	$10=5\times?$	$2\times1+1=$	$2\times5-2=$

1)	2)	3)	4)	5)
$2:2=$	$2:1=$	$10:5=$	$\frac{4}{2}=$	$\frac{2}{2}=$
$4:2=$	$4:4=$	$10:2=$	$\frac{6}{3}=$	$\frac{4}{2}=$
$6:2=$	$6:3=$	$8:4=$	$\frac{8}{4}=$	$\frac{6}{2}=$
$10:2=$	$8:4=$	$8:2=$	$\frac{10}{5}=$	$\frac{8}{2}=$
$8:2=$	$10:5=$	$6:3=$	$\frac{5}{5}=$	$\frac{10}{2}=$

1)	2)	3)	4)
$2+2=$	$3+2=$	$4+2=$	$5+2=$
$2\times2=$	$2\times3=$	$2\times4=$	$2\times5=$
$2-2=$	$3-2=$	$4-2=$	$5-2=$
$2:2=$		$4:2=$	

3.

$1\times3=3$	$3:3=1$	$\frac{6}{2}=3$
$2\times3=6$	$6:3=2$	
$3\times3=9$	$9:3=3$	$\frac{9}{3}=3$
$3\times1=3$	$3:1=3$	$\frac{3}{3}=1$
$3\times2=6$	$6:2=3$	$\frac{6}{3}=2$

1)	2)	3)	4)	5)
$3\times3=$	$9=3\times?$	$3:3=$	$\frac{6}{3}=$	$\frac{6}{2}=$
$1\times3=$	$6=3\times?$	$6:3=$	$\frac{9}{3}=$	$\frac{4}{2}=$
$3\times1=$	$4=2\times?$	$9:3=$	$\frac{3}{3}=$	$\frac{8}{2}=$
$3\times2=$	$6=2\times?$	$3:1=$		
$2\times3=$	$10=2\times?$	$6:2=$		
$2\times5=$	$8=4\times?$	$9:3=$		

1)	2)	3)	4)
$3+1=$	$3+2=$	$3+3=$	$5+2=$
$3\times1=$	$3\times2=$	$3\times3=$	$5\times2=$
$3-1=$	$3-2=$	$3-3=$	$5-2=$
$3:1=$		$3:3=$	

4.

$1\times4=4$	$4:4=1$	$\frac{8}{2}=4$
$2\times4=8$	$8:4=2$	
$4\times1=4$	$4:1=4$	$\frac{4}{4}=1$
$4\times2=8$	$8:2=4$	$\frac{8}{4}=2$

1)	2)	3)	4)
$4\times1=$	$1\times4=$	$1\times?=4$	$8=4\times?$
$2\times2=$	$2\times4=$	$2\times?=4$	$6=2\times?$
$3\times2=$	$1\times5=$	$4\times?=4$	$10=2\times?$
$4\times2=$	$2\times5=$	$3\times?=6$	$10=5\times?$
$2\times3=$	$5\times1=$	$3\times?=9$	$4=2\times?$
$3\times3=$	$5\times2=$	$2\times?=8$	$5=1\times?$

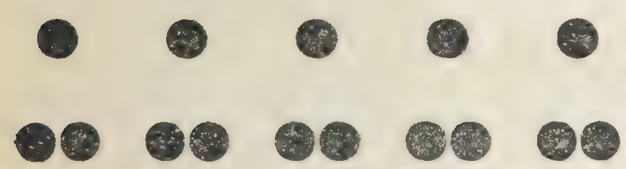
1)	2)	3)	4)	5)
$4\times1+1=$	$4:4=$	$8:8=$	$\frac{4}{4}=$	$\frac{9}{3}=$
$4\times2+1=$	$4:2=$	$6:3=$		
$2\times4+2=$	$4:1=$	$9:3=$	$\frac{8}{4}=$	$\frac{10}{2}=$
$1\times4+3=$	$8:4=$	$6:2=$		
$4\times2-5=$	$8:2=$	$4:2=$		
$2\times4-3=$	$8:1=$	$8:2=$	$\frac{8}{2}=$	$\frac{8}{4}=$

1)	2)	3)	4)
$4+1=$	$4+2=$	$4+3=$	$4+4=$
$4\times1=$	$4\times2=$	$4-3=$	$4-4=$
$4-1=$	$4-2=$		$4:4=$
$4:1=$	$4:2=$		

5.

$1\times5=5$ | $5:5=1$ | $\frac{10}{2}=5$

$2\times5=10$ | $10:5=2$



$5\times1=5$ | $5:1=5$ | $\frac{5}{5}=1$

$5\times2=10$ | $10:2=5$ | $\frac{10}{5}=2$

1)	2)	3)	4)
$5\times1=$	$2\times3=$	$2\times4=$	$4\times2+2=$
$5\times2=$	$1\times5=$	$4\times2=$	$1\times5+3=$
$3\times3=$	$2\times5=$	$5\times1+1=$	$2\times5-3=$
$3\times2=$	$1\times4=$	$5\times2-1=$	$4\times2-7=$
$3\times1=$	$4\times1=$	$4\times2-2=$	$2\times4-6=$

1)	2)	3)	4)
$5:5=$	$8:2=$	$\frac{5}{5}=$	$\frac{4}{2}=$
$10:5=$	$8:4=$		
$5:1=$	$4:2=$	$\frac{10}{5}=$	$\frac{10}{2}=$
$6:3=$	$7:1=$		
$6:2=$	$9:1=$	$\frac{8}{4}=$	$\frac{6}{2}=$
$6:1=$	$10:2=$		

В обсягу 6—10.

$1\times 6=6$	$6:6=1$	$\frac{6}{6}=1$
$1\times 7=7$	$7:7=1$	$\frac{7}{7}=1$
$1\times 8=8$	$8:8=1$	$\frac{8}{8}=1$
$1\times 9=9$	$9:9=1$	$\frac{9}{9}=1$
$1\times 10=10$	$10:10=1$	$\frac{10}{10}=1$

1)	2)	3)	4)	5)
$7\times 1=$	$1\times 7=$	$2\times 5=$	$3\times 3=$	$2\times ?=10$
$9\times 1=$	$1\times 9=$	$2\times 1=$	$3\times 2=$	$5\times ?=10$
$6\times 1=$	$1\times 8=$	$2\times 4=$	$4\times 2=$	$10\times ?=10$
$10\times 1=$	$1\times 3=$	$2\times 3=$	$4\times 1=$	$3\times ?=9$
$8\times 1=$	$1\times 5=$	$1\times 2=$	$5\times 1=$	$4\times ?=8$
$1\times 6=$	$1\times 2=$	$2\times 2=$	$5\times 2=$	$2\times ?=8$
$1\times 10=$	$1\times 1=$	$3\times 2=$	$9\times 1=$	$3\times ?=6$

6)	7)	8)
$6\times 1+3=$	$6\times 1-4=$	$2\times 4+?=10$
$6\times 1+4=$	$7\times 1-2=$	$3\times 3+?=10$
$7\times 1+2=$	$1\times 7-4=$	$4\times 2+?=10$
$1\times 7+3=$	$1\times 9-5=$	$2\times 4+?=9$
$1\times 8+2=$	$1\times 10-3=$	$2\times 3+?=7$
$9\times 1+1=$	$8\times 1-3=$	$4\times 2-?=7$
$10\times 1-7=$	$10\times 1-6=$	$5\times 2-?=9$

1)	2)	3)	4)	5)	6)
$10:10=$	$8:1=$	$6:2=$	$\frac{6}{6}$	$\frac{7}{7}$	$\frac{8}{2}$
$10:5=$	$8:4=$	$6:1=$			
$10:2=$	$8:2=$	$7:7=$	$\frac{6}{2}$	$\frac{8}{4}$	$\frac{9}{9}$
$9:3=$	$8:8=$	$7:1=$			
$9:9=$	$6:3=$	$5:5=$	$\frac{6}{3}$	$\frac{8}{8}$	$\frac{9}{3}$
$9:1=$	$6:6=$	$4:2=$			

VII.

Додаване і віднимане в обсягу 20.

A) Додаване без переступленя десятки.

1.	2.	3.	4.	5.
1 + 1 =	1 + 2 =	1 + 3 =	1 + 4 =	1 + 5 =
11 + 1 =	11 + 2 =	11 + 3 =	11 + 4 =	11 + 5 =
2 + 1 =	2 + 2 =	2 + 3 =	2 + 4 =	2 + 5 =
12 + 1 =	12 + 2 =	12 + 3 =	12 + 4 =	12 + 5 =
13 + 1 =	13 + 2 =	13 + 3 =	13 + 4 =	13 + 5 =
14 + 1 =	14 + 2 =	14 + 3 =	14 + 4 =	14 + 5 =
15 + 1 =	15 + 2 =	15 + 3 =	15 + 4 =	15 + 5 =
16 + 1 =	16 + 2 =	16 + 3 =	16 + 4 =	12 + 4 =
17 + 1 =	17 + 2 =	17 + 3 =	13 + 1 =	14 + 3 =
18 + 1 =	18 + 2 =	17 + 2 =	14 + 3 =	16 + 2 =
19 + 1 =	15 + 1 =	18 + 1 =	13 + 2 =	18 + 2 =

6.	7.	8.	9.	10.
1 + 6 =	1 + 7 =	1 + 8 =	1 + 9 =	11+?=20
11 + 6 =	11 + 7 =	11 + 8 =	11 + 9 =	11+?=15
2 + 6 =	12 + 7 =	12 + 8 =	11 + 2 =	12+?=19
12 + 6 =	13 + 7 =	11 + 7 =	16 + 4 =	12+?=17
13 + 6 =	14 + 6 =	12 + 7 =	15 + 2 =	17+?=18
14 + 6 =	12 + 6 =	13 + 7 =	12 + 3 =	12+?=20
15 + 5 =	15 + 5 =	14 + 5 =	14 + 4 =	13+?=17
16 + 4 =	11 + 6 =	13 + 6 =	13 + 4 =	13+?=15
12 + 5 =	13 + 4 =	11 + 7 =	12 + 8 =	13+?=19
13 + 3 =	12 + 7 =	12 + 6 =	15 + 3 =	14+?=20

Б) Віднимань без переступленя десятки.

1.	2.	3.	4.	5.
1 − 1 =	2 − 2 =	3 − 3 =	4 − 4 =	5−5=
11 − 1 =	12 − 2 =	13 − 3 =	14 − 4 =	15−5=
2 − 1 =	3 − 2 =	4 − 3 =	5 − 4 =	6−5=
12 − 1 =	13 − 2 =	14 − 3 =	15 − 4 =	16−5=
13 − 1 =	14 − 2 =	5 − 3 =	6 − 4 =	19−5=
14 − 1 =	17 − 2 =	15 − 3 =	16 − 4 =	18−5=
15 − 1 =	18 − 2 =	17 − 3 =	7 − 4 =	17−5=
16 − 1 =	15 − 2 =	16 − 3 =	17 − 4 =	20−5=
20 − 1 =	16 − 2 =	19 − 3 =	18 − 4 =	17−6=
18 − 1 =	10 − 2 =	10 − 3 =	19 − 4 =	18−6=
19 − 1 =	19 − 2 =	20 − 3 =	10 − 4 =	19−6=
17 − 1 =	20 − 2 =	18 − 3 =	20 − 4 =	20−6=

6.	7.	8.	9.	10.
7−7=	8−8=	9− 9=	20−?=17	20−?=13
17−7=	18−8=	19− 9=	20−?=12	20−?=15
19−7=	9−8=	20− 9=	20−?=14	20−?=10
18−7=	19−8=	20−10=	20−?=18	16−?=12
10−7=	10−8=	20− 8=	20−?=19	15−?=12
20−7=	20−8=	19− 8=	20−?=16	19−?=13

В) Додаванє з переступленєм десятки.

1.	2.	3.	4.
1+? =10	3+? =10	4+? =10	5+? =10
1+9+ 1=	3+7+ 1=	4+6+ 1=	5+5+ 1=
1+10=	3+ 8=	4+ 7=	5+ 6=
2+? =10	3+7+ 2=	4+6+ 2=	5+ 7=
2+8+ 1=	3+ 9=	4+ 8=	5+ 8=
2+ 9=	3+7+ 3=	4+ 9=	5+ 9=
2+10=	3+10=	4+10=	5+10=

5.	6.	7.	8.
6+? =10	7+? =10	8+? =10	9+? =10
6+4+ 1=	7+3+ 1=	8+2+ 1=	9+1+ 1=
6+ 5=	7+ 4=	8+ 3=	9+ 2=
6+4+ 2=	7+3+ 2=	8+2+ 2=	9+ 3=
6+ 6=	7+ 5=	8+ 4=	9+ 4=
6+4+ 3=	7+3+ 3=	8+ 5=	9+ 5=
6+ 7=	7+ 6=	8+ 6=	9+ 6=
6+4+ 4=	7+ 7=	8+ 7=	9+ 7=
6+ 8=	7+ 8=	8+ 8=	9+ 8=
6+ 9=	7+ 9=	8+ 9=	9+ 9=
6+10=	7+10=	8+10=	9+10=

Г) Віднимання з переступленем десятки.

1.	2.	3.	4.
11− ?= 10	12− ?=10	13− ?=10	14− ?= 10
11− 1−1=	12− 2− 1=	13− 3− 1=	14− 4− 1=
11−2=	12− 3=	13− 4=	14− 5=
11−3=	12− 4=	13− 3− 2=	14− 4− 2=
11−4=	12− 5=	13− 5=	14− 6=
11−5=	12− 6=	13− 6=	14− 4− 3=
11−6=	12− 7=	13− 7=	14− 7=
11−7=	12− 8=	13− 8=	14− 8=
11−8=	12− 9=	13− 9=	14− 9=
11−9=	12−10=	13−10=	14−10=

5.	6.	7.	8.
15− ?= 10	17− ?= 10	19− ?= 10	11− ?=2
15− 5−1=	17− 7− 1=	19− 9− 1=	12− ?=3
15−6=	17− 8=	19−10=	11− ?=3
15−7=	17− 7− 2=	20−10=	12− ?=4
15−8=	17− 9=	16−10=	13− ?=4
15−9=	17− 7− 3=	14−10=	14− ?=7
16− ?= 10	17−10=	18−10=	7=15−?
16− 6−1=	18− ?= 10	20− 5− 5=	7=12−?
16−7=	18− 8− 1=	20− 6− 4=	8=17−?
16−8=	18− 9=	20− 3− 7=	8=12−?
16−9=	18−10=	20− 8− 2=	9=11−?

VIII.

Множене, помір і поділ в обсягу 20.

1.

$1\times11=?$	$11\times1=?$	$11:1=?$	$\frac{11}{11}=?$
$1\times12=?$	$12\times1=?$	$12:1=?$	$\frac{12}{12}=?$
$1\times13=?$	$13\times1=?$	$13:1=?$	$\frac{13}{13}=?$
$1\times14=?$	$14\times1=?$	$14:1=?$	$\frac{14}{14}=?$
$1\times15=?$	$15\times1=?$	$15:1=?$	$\frac{15}{15}=?$
$1\times16=?$	$16\times1=?$	$16:1=?$	$\frac{16}{16}=?$
$1\times17=?$	$17\times1=?$	$17:1=?$	$\frac{17}{17}=?$
$1\times18=?$	$18\times1=?$	$18:1=?$	$\frac{18}{18}=?$
$1\times19=?$	$19\times1=?$	$19:1=?$	$\frac{19}{19}=?$
$1\times20=?$	$20\times1=?$	$20:1=?$	$\frac{20}{20}=?$

1) $11\times1=$	2) $18\times1=$	3) $1\times14=$	4) $20:1=$	5) $\frac{15}{15}=$
$12\times1=$	$20\times1=$	$1\times17=$	$18:1=$	$\frac{17}{17}=$
$15\times1=$	$16\times1=$	$1\times20=$	$16:1=$	$\frac{19}{19}=$
$13\times1=$	$19\times1=$	$1\times15=$	$14:1=$	
$14\times1=$	$17\times1=$	$1\times19=$	$12:1=$	

2.

	$6\times2=12$	$12:2=6$	$\frac{12}{6}=2$
	$7\times2=14$	$14:2=7$	$\frac{14}{7}=2$
	$8\times2=16$	$16:2=8$	$\frac{16}{8}=2$
	$9\times2=18$	$18:2=9$	$\frac{18}{9}=2$
	$10\times2=20$	$20:2=10$	$\frac{20}{10}=2$

	$2\times6=12$	$12:6=2$	$\frac{12}{2}=6$
	$2\times7=14$	$14:7=2$	$\frac{14}{2}=7$
	$2\times8=16$	$16:8=2$	$\frac{16}{2}=8$
	$2\times9=18$	$18:9=2$	$\frac{18}{2}=9$
	$2\times10=20$	$20:10=2$	$\frac{20}{2}=10$

1)	2)	3)	4)	5)
$2\times6=$	$10\times2=$	$1\times16=$	$9\times2=$	$2\times6+6=$
$2\times9=$	$6\times2=$	$2\times8=$	$1\times12=$	$2\times7-8=$
$2\times7=$	$9\times2=$	$1\times14=$	$2\times6=$	$2\times8+3=$
$2\times8=$	$7\times2=$	$2\times7=$	$1\times10=$	$2\times9-7=$
$2\times10=$	$8\times2=$	$1\times18=$	$2\times10=$	$2\times10-5=$
$1\times2=$	$2\times1=$	$2\times9=$	$12=2\times?$	$4\times2+10=$
$2\times2=$	$2\times2=$	$2\times7=$	$18=9\times?$	$7\times2+6=$
$2\times3=$	$3\times2=$	$2\times5=$	$20=2\times?$	$8\times2-9=$
$2\times4=$	$4\times2=$	$2\times6=$	$14=7\times?$	$3\times2+9=$
$2\times5=$	$5\times2=$	$2\times10=$	$16=2\times?$	$10\times2-3=$

1)	2)	3)	4)	5)
12 : 2 =	12 : 6 =	2 : 2 =	16 : 2 =	18 : 9 =
14 : 2 =	14 : 7 =	12 : 2 =	8 : 2 =	14 : 7 =
16 : 2 =	16 : 8 =	4 : 2 =	18 : 2 =	20 : 10 =
18 : 2 =	18 : 9 =	14 : 2 =	10 : 2 =	16 : 8 =
20 : 2 =	20 : 10 =	6 : 2 =	20 : 2 =	12 : 6 =

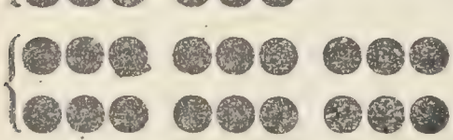
1)	2)	3)	4)	5)
$\frac{12}{2}=$	$\frac{12}{6}=$	$\frac{18}{2}=$	$\frac{18}{9}=$	$\frac{10}{2}=$
$\frac{14}{2}=$	$\frac{14}{7}=$	$\frac{20}{2}=$	$\frac{20}{10}=$	$\frac{10}{5}=$
$\frac{16}{2}=$	$\frac{16}{8}=$	$\frac{8}{2}=$	$\frac{8}{4}=$	$\frac{6}{2}=$

1)	2)	3)	4)	5)
6 + 2 =	7 + 2 =	8 + 2 =	9 + 2 =	10 + 2 =
2 × 6 =	2 × 7 =	2 × 8 =	2 × 9 =	2 × 10 =
6 − 2 =	7 − 2 =	8 − 2 =	9 − 2 =	10 − 2 =
12 : 2 =	14 : 2 =	16 : 2 =	18 : 2 =	20 : 2 =

3.

$4\times3=12$ | $12:3=4$ | $\frac{12}{4}=3$

$5\times3=15$ | $15:3=5$ | $\frac{15}{5}=3$



$6\times3=18$ | $18:3=6$ | $\frac{18}{6}=3$

$3\times4=12$ | $12:4=3$ | $\frac{12}{3}=4$

$3\times5=15$ | $15:5=3$ | $\frac{15}{3}=5$

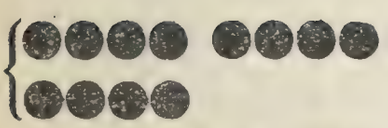
$3\times6=18$ | $18:6=3$ | $\frac{18}{3}=6$

1)	2)	3)	4)	5)
$3 \times 4 =$	$3 \times 3 =$	$3 \times 1 =$	$3 \times 3 + 8 =$	$12 = 3 \times ?$
$3 \times 6 =$	$5 \times 3 =$	$3 \times 2 =$	$2 \times 3 + 7 =$	$15 = 5 \times ?$
$3 \times 5 =$	$4 \times 3 =$	$3 \times 3 =$	$6 \times 3 - 8 =$	$18 = 3 \times ?$
$1 \times 3 =$	$3 \times 1 =$	$4 \times 3 =$	$2 \times 7 - 9 =$	$3 \times ? = 18$
$2 \times 3 =$	$3 \times 2 =$	$3 \times 4 =$	$8 \times 2 + 4 =$	$4 \times ? = 12$
$3 \times 3 =$	$3 \times 3 =$	$6 \times 3 =$	$2 \times 9 - 4 =$	$2 \times ? = 18$
$4 \times 3 =$	$3 \times 4 =$	$3 \times 6 =$	$2 \times 10 - 8 =$	$15 = 3 \times ?$
$5 \times 3 =$	$3 \times 5 =$	$5 \times 3 =$	$5 \times 1 + 9 =$	$18 = 6 \times ?$
$6 \times 3 =$	$3 \times 6 =$	$3 \times 5 =$	$3 \times 5 - 7 =$	$18 = 9 \times ?$

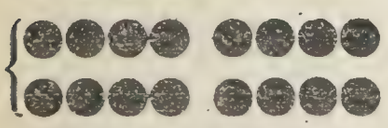
1)	2)	3)	4)	5)
$12 : 3 =$	$12 : 4 =$	$12 : 2 =$	$12 : 6 =$	$18 : 3 =$
$15 : 3 =$	$15 : 5 =$	$15 : 3 =$	$18 : 3 =$	$18 : 6 =$
$18 : 3 =$	$18 : 6 =$	$16 : 4 =$	$18 : 2 =$	$18 : 9 =$

1)	2)	3)	4)	5)
$\frac{12}{3} =$	$\frac{12}{4} =$	$\frac{12}{2} =$	$\frac{15}{3} =$	$\frac{14}{2} =$
$\frac{15}{3} =$	$\frac{15}{5} =$	$\frac{18}{2} =$	$\frac{16}{4} =$	$\frac{14}{7} =$
$\frac{18}{3} =$	$\frac{18}{6} =$	$\frac{16}{2} =$	$\frac{18}{3} =$	$\frac{18}{9} =$

4.

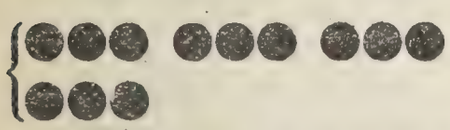


$3 \times 4 = 12$ | $12 : 4 = 3$ | $\frac{12}{3} = 4$

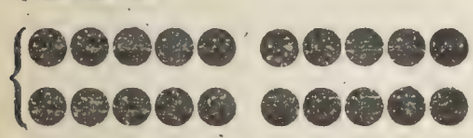


$4 \times 4 = 16$ | $16 : 4 = 4$ | $\frac{16}{4} = 4$

$5 \times 4 = 20$ | $20 : 4 = 5$ | $\frac{20}{5} = 4$



$4 \times 3 = 12$ | $12 : 3 = 4$ | $\frac{12}{4} = 3$



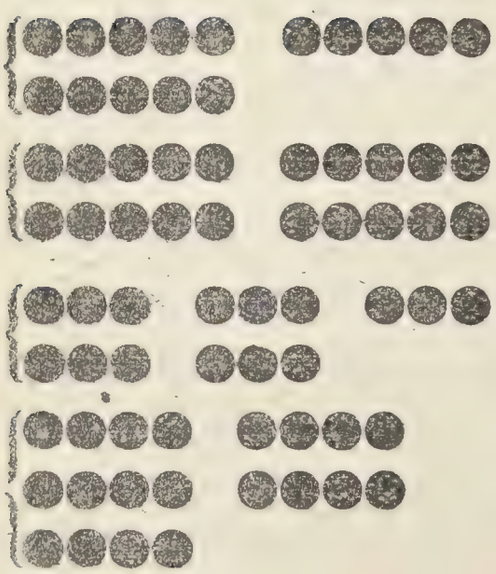
$4 \times 5 = 20$ | $20 : 5 = 4$ | $\frac{20}{4} = 5$

1)	2)	3)	4)	5)
$4 \times 3 =$	$3 \times 4 =$	$4 \times 1 =$	$12 = 4 \times ?$	$3 \times 4 + 7 =$
$4 \times 4 =$	$4 \times 4 =$	$4 \times 2 =$	$16 = 4 \times ?$	$4 \times 4 - 7 =$
$4 \times 5 =$	$5 \times 4 =$	$2 \times 4 =$	$20 = 4 \times ?$	$5 \times 4 - 3 =$
$1 \times 4 =$	$4 \times 1 =$	$6 \times 3 =$	$12 = 3 \times ?$	$4 \times 5 - 8 =$
$2 \times 4 =$	$4 \times 2 =$	$3 \times 5 =$	$12 = 4 \times ?$	$2 \times 9 - 10 =$
$3 \times 4 =$	$4 \times 3 =$	$2 \times 7 =$	$12 = 2 \times ?$	$7 \times 2 + 6 =$
$4 \times 4 =$	$4 \times 4 =$	$3 \times 3 =$	$20 = 2 \times ?$	$5 \times 3 - 6 =$
$5 \times 4 =$	$4 \times 5 =$	$4 \times 3 =$	$8 = 4 \times ?$	$2 \times 8 - 9 =$

1)	2)	3)	4)	5)
$12 : 4 =$	$12 : 3 =$	$12 : 2 =$	$20 : 4 =$	$12 : 3 =$
$16 : 4 =$	$16 : 4 =$	$8 : 4 =$	$12 : 4 =$	$15 : 3 =$
$20 : 4 =$	$20 : 2 =$	$16 : 4 =$	$16 : 2 =$	$18 : 3 =$

1)	2)	3)	4)	5)
$\frac{12}{3} =$	$\frac{12}{4} =$	$\frac{15}{3} =$	$\frac{18}{2} =$	$\frac{14}{7} =$
$\frac{16}{4} =$	$\frac{16}{4} =$	$\frac{18}{6} =$	$\frac{16}{2} =$	$\frac{12}{6} =$
$\frac{20}{5} =$	$\frac{20}{4} =$	$\frac{20}{2} =$	$\frac{16}{8} =$	$\frac{18}{9} =$

5.



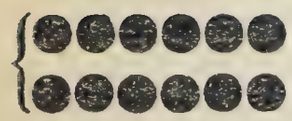
$3 \times 5 = 15$	$15 : 5 = 3$	$\frac{15}{3} = 5$
$4 \times 5 = 20$	$20 : 5 = 4$	$\frac{20}{4} = 5$
$5 \times 3 = 15$	$15 : 3 = 5$	$\frac{15}{5} = 3$
$5 \times 4 = 20$	$20 : 4 = 5$	$\frac{20}{5} = 4$

1)	2)	3)	4)
$5 \times 3 =$	$5 \times 1 =$	$3 \times ? = 15$	$20 - 6 - 8 =$
$5 \times 4 =$	$5 \times 2 =$	$5 \times ? = 15$	$2 \times 8 - 5 =$
$3 \times 5 =$	$1 \times 5 =$	$4 \times ? = 20$	$15 + 3 - 6 =$
$4 \times 5 =$	$2 \times 5 =$	$5 \times ? = 20$	$7 + 7 + 6 =$
$4 \times 3 =$	$4 \times 3 =$	$20 = 2 \times ?$	$3 \times 4 + 3 =$
$4 \times 4 =$	$5 \times 3 =$	$10 = 2 \times ?$	$17 - 6 - 3 =$

1)	2)	3)	4)	5)
15 : 5 =	15 : 3 =	16 : 4 =	9 : 3 =	20 : 2 =
20 : 5 =	20 : 4 =	16 : 2 =	12 : 3 =	20 : 10 =
5 : 5 =	10 : 2 =	16 : 1 =	14 : 2 =	18 : 2 =
10 : 5 =	5 : 1 =	16 : 8 =	18 : 3 =	8 : 4 =

1)	2)	3)	4)	5)
$\frac{10}{5}=$	$\frac{10}{2}=$	$\frac{16}{2}=$	$\frac{9}{3}=$	$\frac{12}{2}=$
$\frac{15}{5}=$	$\frac{15}{3}=$	$\frac{16}{4}=$	$\frac{12}{3}=$	$\frac{18}{2}=$
$\frac{20}{5}=$	$\frac{20}{4}=$	$\frac{8}{2}=$	$\frac{15}{3}=$	$\frac{14}{2}=$
$\frac{5}{5}=$	$\frac{4}{2}=$	$\frac{8}{4}=$	$\frac{18}{3}=$	$\frac{20}{2}=$

6.

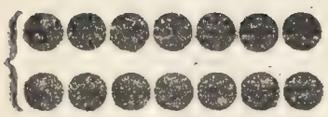
	$2\times6=12$	$12:6=2$	$\frac{12}{2}=6$
	$3\times6=18$	$18:6=3$	$\frac{18}{3}=6$
	$6\times2=12$	$12:2=6$	$\frac{12}{6}=2$
	$6\times3=18$	$18:3=6$	$\frac{18}{6}=3$

1)	2)	3)	4)	5)
$1\times6=$	$5\times2=$	$4\times2=$	$12=6\times?$	$9+5+6=$
$2\times6=$	$5\times4=$	$4\times1=$	$12=2\times?$	$20-8-8=$
$3\times6=$	$5\times1=$	$4\times3=$	$12=3\times?$	$3\times5-6=$
$6\times1=$	$5\times3=$	$3\times5=$	$18=6\times?$	$20-6-5=$
$6\times2=$	$4\times5=$	$3\times3=$	$18=2\times?$	$7\times2+5=$
$6\times3=$	$4\times4=$	$3\times4=$	$18=3\times?$	$4+3+9=$

1)	2)	3)	4)	5)
6 : 1 =	6 : 6 =	15 : 5 =	20 : 4 =	12 : 3 =
12 : 2 =	12 : 6 =	20 : 5 =	16 : 4 =	15 : 3 =
18 : 3 =	18 : 6 =	10 : 5 =	12 : 4 =	18 : 3 =

1)	2)	3)	4)	5)
$\frac{18}{3}=$	$\frac{18}{6}=$	$\frac{10}{2}=$	$\frac{20}{5}=$	$\frac{18}{3}=$
$\frac{12}{2}=$	$\frac{12}{6}=$	$\frac{15}{5}=$	$\frac{16}{4}=$	$\frac{15}{3}=$
$\frac{6}{2}=$	$\frac{6}{6}=$	$\frac{20}{4}=$	$\frac{12}{3}=$	$\frac{12}{4}=$

7.



$2\times7=14$ | $14:7=2$ | $\frac{14}{2}=7$

$7\times2=14$ | $14:2=7$ | $\frac{14}{7}=2$

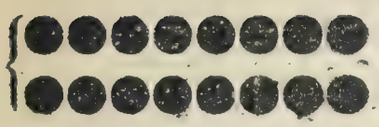
$2\times7=$	$7\times2=$	$1\times?=7$	$14=7\times?$
$1\times7=$	$7\times1=$	$2\times?=14$	$7=7\times?$

1)	2)	3)	4)	5)
$1\times7=$	$3\times6=$	$4\times5=$	$2\times6+8=$	$14=2\times?$
$2\times7=$	$6\times3=$	$5\times4=$	$3\times6-7=$	$14=7\times?$
$7\times1=$	$3\times5=$	$2\times6=$	$4\times4-8=$	$15=3\times?$
$7\times2=$	$5\times3=$	$6\times2=$	$7\times2+5=$	$15=5\times?$

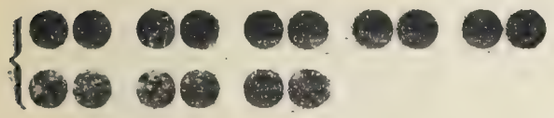
1)	2)	3)	4)	5)
7 : 1 =	7 : 7 =	18 : 6 =	12 : 6 =	14 : 2 =
14 : 2 =	14 : 7 =	18 : 3 =	12 : 2 =	14 : 7 =
12 : 4 =	15 : 3 =	18 : 2 =	18 : 9 =	20 : 5 =

1)	2)	3)	4)	5)
$\frac{14}{2}=$	$\frac{7}{7}=$	$\frac{18}{2}=$	$\frac{12}{2}=$	$\frac{14}{2}=$
$\frac{16}{2}=$	$\frac{14}{7}=$	$\frac{20}{2}=$	$\frac{10}{2}=$	$\frac{14}{7}=$

8.



$2\times8=16$ | $16:8=2$ | $\frac{16}{2}=8$



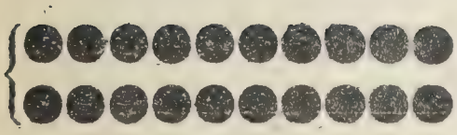
$8\times2=16$ | $16:2=8$ | $\frac{16}{8}=2$

1)	2)	3)	4)	5)
$8\times1=$	$1\times6=$	$5\times2=$	$5+8+7=$	$16=8\times?$
$1\times8=$	$6\times1=$	$2\times5=$	$3\times6-5=$	$16=4\times?$
$8\times2=$	$2\times6=$	$5\times3=$	$20-6-6=$	$16=2\times?$
$2\times8=$	$6\times2=$	$3\times5=$	$3\times3+7=$	$8=4\times?$
$7\times2=$	$6\times3=$	$5\times4=$	$7+4+5=$	$8=2\times?$
$2\times7=$	$3\times6=$	$4\times5=$	$19-8-8=$	$14=7\times?$

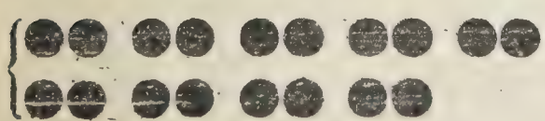
1)	2)	3)	4)	5)
$8:1=$	$8:8=$	$8:4=$	$8:2=$	$16:1=$
$16:2=$	$16:8=$	$16:4=$	$14:2=$	$16:16=$
$15:3=$	$20:4=$	$18:6=$	$20:10=$	$12:4=$

1)	2)	3)	4)	5)
$\frac{8}{4}=$	$\frac{8}{2}=$	$\frac{8}{8}=$	$\frac{14}{7}=$	$\frac{10}{5}=$
$\frac{16}{8}=$	$\frac{16}{4}=$	$\frac{16}{16}=$	$\frac{12}{6}=$	$\frac{18}{9}=$

9.



$2\times9=18$ | $18:9=2$ | $\frac{18}{2}=9$



$9\times2=18$ | $18:2=9$ | $\frac{18}{9}=2$

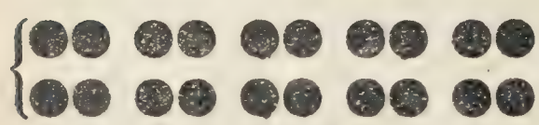
1)	2)	3)	4)	5)
$9 \times 1 =$	$7 \times 1 =$	$5 \times 3 =$	$3 \times 3 + 8 =$	$9 \times ? = 18$
$1 \times 9 =$	$2 \times 7 =$	$4 \times 4 =$	$20 - 5 - 6 =$	$9 \times ? = 9$
$9 \times 2 =$	$6 \times 2 =$	$4 \times 2 =$	$3 \times 6 + 2 =$	$2 \times ? = 18$
$2 \times 9 =$	$2 \times 6 =$	$4 \times 5 =$	$5 + 7 + 3 =$	$9 = 3 \times ?$
$8 \times 2 =$	$6 \times 3 =$	$4 \times 3 =$	$8 + 3 + 9 =$	$18 = 6 \times ?$
$2 \times 8 =$	$3 \times 6 =$	$5 \times 4 =$	$4 \times 4 - 8 =$	$18 = 3 \times ?$

1)	2)	3)	4)	5)
$9 : 1 =$	$9 : 9 =$	$18 : 6 =$	$18 : 3 =$	$16 : 8 =$
$18 : 2 =$	$18 : 9 =$	$9 : 3 =$	$20 : 2 =$	$20 : 10 =$
$20 : 4 =$	$20 : 5 =$	$15 : 3 =$	$16 : 4 =$	$14 : 7 =$

1)	2)	3)	4)	5)
$\frac{18}{2} =$	$\frac{9}{9} =$	$\frac{18}{3} =$	$\frac{18}{6} =$	$\frac{20}{5} =$
$\frac{18}{9} =$	$\frac{18}{18} =$	$\frac{9}{3} =$	$\frac{20}{4} =$	$\frac{20}{10} =$

10.

$2 \times 10 = 20$ | $20 : 10 = 2$ | $\frac{20}{2} = 10$



$10 \times 2 = 20$ | $20 : 2 = 10$ | $\frac{20}{10} = 2$

$10 \times 1 =$	$1 \times 10 =$	$20 = 10 \times ?$	$20 = 2 \times ?$
$10 \times 2 =$	$2 \times 10 =$	$10 = 10 \times ?$	$10 = 2 \times ?$

1)	2)	3)	4)
$10\times 1+6=$	$3\times 4+5=$	$6\times 2-7=$	$2\times ?=20$
$10\times 2-7=$	$3\times 6-7=$	$6\times 3-5=$	$4\times ?=20$
$1\times 10+8=$	$3\times 5-6=$	$7\times 2+5=$	$5\times ?=20$
$2\times 10-4=$	$4\times 3+7=$	$8\times 2-1=$	$10\times ?=20$
$2\times 9-8=$	$4\times 4-8=$	$9\times 2-6=$	$20=20\times ?$
$2\times 8-7=$	$4\times 5-6=$	$10\times 2-7=$	$18=9\times ?$
$2\times 7+3=$	$5\times 3-9=$	$11\times 1+9=$	$16=2\times ?$
$2\times 6+8=$	$5\times 4-8=$	$17\times 1-8=$	$14=7\times ?$

1)	2)	3)	4)
$10:1=$	$20:4=$	$19:1=$	$17:1=$
$10:2=$	$20:5=$	$18:1=$	$16:2=$
$10:5=$	$20:10=$	$18:3=$	$16:4=$
$10:10=$	$20:20=$	$18:6=$	$16:8=$
$20:2=$	$20:1=$	$18:9=$	$15:3=$
$15:5=$	$12:3=$	$8:2=$	$15:5=$
$14:2=$	$12:4=$	$8:4=$	$14:2=$
$14:7=$	$12:6=$	$7:1=$	$13:1=$
$14:1=$	$11:1=$	$6:2=$	$12:12=$
$12:2=$	$9:3=$	$6:3=$	$11:1=$

1)	2)	3)	4)	5)
$\frac{10}{10}=$	$\frac{20}{4}=$	$\frac{18}{9}=$	$\frac{14}{7}=$	$\frac{12}{4}=$
$\frac{20}{10}=$	$\frac{20}{2}=$	$\frac{18}{6}=$	$\frac{14}{2}=$	$\frac{12}{6}=$
$\frac{10}{5}=$	$\frac{10}{2}=$	$\frac{18}{3}=$	$\frac{12}{2}=$	$\frac{10}{2}=$
$\frac{20}{5}=$	$\frac{18}{2}=$	$\frac{16}{2}=$	$\frac{12}{3}=$	$\frac{20}{5}=$

IX.

Вправи в розкладаню чисел від 1—20.

a)	*b)*	*c)*	*d)*
10=1×?	11=1×?	12=1×?	13=1×?
10=2×?	11=2×5+?	12=2×?	13=2×6+?
10=3×3+?	11=3×3+?	12=3×?	13=3×4+?
10=4×2+?	11=4×2+?	12=4×?	13=4×3+?
10=5×?	11=5×2+?	12=5×2+?	13=5×2+?
10=6×1+?	11=6×1+?	12=6×?	13=6×2+?
10=7×1+?	11=7×1+?	12=7×1+?	13=7×1+?
10=8×1+?	11=8×1+?	12=8×1+?	13=8×1+?
10=9×1+?	11=9×1+?	12=9×1+?	13=9×1+?

e)	*f)*	*g)*	*h)*
14=1×?	15=1×?	16=1×?	17=1×?
14=2×?	15=2×7+?	16=2×?	17=2×8+?
14=3×4+?	15=3×?	16=3×5+?	17=3×5+?
14=4×3+?	15=4×3+?	16=4×?	17=4×4+?
14=5×2+?	15=5×?	16=5×3+?	17=5×3+?
14=6×2+?	15=6×2+?	16=6×2+?	17=6×2+?
14=7×?	15=7×2+?	16=7×2+?	17=7×2+?
14=8×1+?	15=8×1+?	16=8×?	17=8×2+?
14=9×1+?	15=9×1+?	16=9×1+?	17=9×1+?

i)	*j)*	*k)*
18=1×?	19=1×?	20=1×20
18=2×?	19=2×9+?	20=2× ?
18=3×?	19=3×6+?	20=3× 6+?
18=4×4+?	19=4×4+?	20=4× ?
18=5×3+?	19=5×3+?	20=5× ?
18=6×?	19=6×3+?	20=6× 3+?
18=7×2+?	19=7×2+?	20=7× 2+?
18=8×2+?	19=8×2+?	20=8× 2+?
18=9×?	19=9×2+?	20=9× 2+?